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Sarfaraj Ansari

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Education

Bhopal, India

VIT Bhopal University

October 2022 - Present

B-Tech Computer Science and Engineering (Specialization in Artificial Intelligence and Machine Learning)

CGPA:8.6/10

Work Experience

Full Stack Developer, Settyl | July 2021 - Present

- Designed and deployed a scalable and efficient infrastructure using Azure Function, Azure Service Bus, and Express JS Server, optimizing order status system that streamlined workflows, reducing processing time by 25%.
- Engineered a JSON-based Form Rendering Engine, which renders all kinds of forms given a schema in JSON, standardizes form creation across the system, reducing form building time by 70% and improved team efficiency by 70%.
- Architected a PDF Management System and a Collaborative PDF Editor using React JS, achieving 100% automated document generation for various documents, including invoices and bills of entry. Increased PDF rendering quality by 40% and reduced load time by 20%.
- Conceptualized and developed OCR Based Forms, trained an NLP model for an AI based properties mapping functionality, achieving 100% computerized form filling. This enhanced user experience and streamlined workflows at Settyl.
- Worked with clients like Xpress-bees addressing their pain-points in managing billions of product serial numbers and their consumption data, built a scalable system with clickhouse DB to process millions of documents in seconds.
- Tech-stack:** React JS, Express JS, Node JS, Java Spring boot., Mongo DB, Python, JavaScript, Pandas, Selenium, Fast API, Clickhouse.

Freelancer, Upwork | [Upwork Feedbacks](#) | [Upwork Profile](#) | September 2021 – Present

- Independently managed 15 global clients while extracting actionable insights from thousands of data points; consistently delivered high-quality work ahead of deadlines, leading to an increase in client retention rates by 40%.
- Scraped over 10,000+ web pages, extracting 900k+ valuable public data points, delivering comprehensive reports on time; recognized as a 'Top Rated Freelancer' on Upwork in 2022 due to exceptional client satisfaction.
- Completed 30+ projects on Upwork, including data processing, web scraping, React development, and automation jobs. Received 100% positive feedback on Upwork. **Tech-stack:** Python, JavaScript, Selenium, Pandas, BeautifulSoup, React JS.

Personal Projects

- [Edutube](#) | Python, Langchain, JavaScript, React JS, MongoDB | [Demo](#) | [Github](#) | [Backend Link](#) | **July 2024**
Engineered a learning platform with a RAG model that identifies key concepts from YouTube videos with 90% accuracy, generating interactive UI content and allowing users to manipulate values for a hands-on learning experience.
- Visual Voice** | Python, JavaScript, React JS, MongoDB | [Github Link](#) | [Backend Link](#) | **August 2024**
Built an educational video player for the deaf that auto-generates captions with 95% accuracy and displays notes in a colorful, easy-to-read format, boosting comprehension by 80% through visual emphasis and eliminating the need for sound.
- [Schema Mapping](#) | Python, Scikit-Learn | [Colab Notebook](#) | **March 2024**
Trained a natural language model to map external properties with system properties using synthetic data extracted from Gemini achieving 90% accuracy, optimizing the system with automated data import using OCR.

Skills

- Languages:** JavaScript, Python, Java (Object Oriented Programming), C++, HTML/CSS.
- Frameworks:** Docker, React JS, Node.js, Java Spring boot. Django, SQL, Machine Learning, TensorFlow, scikit-learn, Selenium.
- Concept & Tools:** Pandas, BeautifulSoup, OOPs, Data Structures and Algorithms, Azure Function, Azure Service-bus, AWS Lambda, ECR.
- Soft Skills:** Attention to detail, Team leadership, Integrity & ethics, Logical reasoning, Public Speaking

Extra Curriculars

President, Freelancing club of VIT Bhopal | January 2024 – Present

Led a club of 200+ members, facilitated workshops for 100+ attendees on skill building and freelancing, and organized 'Freelance Arena,' a competition where participants advanced by proposing ideas, negotiating, and completing projects within a set timeframe.

Hobbies: Playing Chess, Participating in Model United Nations.

Languages: Fluent in Hindi, English.